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Page 1 of 3

Docket No. ARC9-2003-0013-US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

the specification of which is:

☐

attached hereto

☒

was filed on 10/20/2003

as United States Application Number or PCT International Application Number 10/689,814
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s): ☐

Priority Not Claimed: ☒

(Number)

(Country)

(Day/Month/Year Filed)

Power of Attorney:

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thirumal R. Coca (#29,784)
Daniel E. Johnson (#37,033)
Marc D. McSwain (#44,929)
Leonard T. Guzman (#46,308)
Mark McCabe (#53,291)

Joseph P. Curtin (#34,571)

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Page 2 of 3

Docket No. ARC9-2003-0013-US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

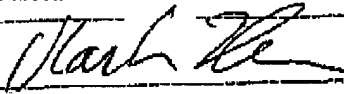
Address all telephone calls to:

Address all correspondence to:

Joseph P. Curtin
(503) 296-8373Joseph P. Curtin
1469 N.W. Morgan Lane
Portland, OR 97229-5291

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Martin Aureliano HASSNER

Inventor's signature: 

Date: 3/2/04

St

Residence: 1229 Christobal Privado, Mountain View, California 94040

Citizenship: USA

Post Office Address: 1229 Christobal Privado
Mountain View, CA 94040

Full name of second inventor: Steven R. HETZLER

Inventor's signature: _____

Date: _____

Residence: 246 Eleanor Avenue, Los Altos, California 94022

Citizenship: USA

Post Office Address: 246 Eleanor Avenue
Los Altos, CA 94022

Full name of third inventor: Tetsuya TAMURA

Inventor's signature: _____

Date: _____

Residence: 7-4-9 Tsukimino, Yamato, Kanagawa 242-0002 Japan

Citizenship: Japan

Post Office Address: 7-4-9 Tsukimino
Yamato, Kanagawa 242-0002
Japan

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Docket No. ARC9-2003-0013-US1

Page 3 of 3

Full name of fourth inventor: Barry Marshall TRAGER

Inventor's signature: _____ Date: _____

Residence: 348 Barway Drive, Yorktown Heights, NY 10598

Citizenship: USA Post Office Address: 348 Barway Drive
Yorktown Heights, NY 10598

Full name of fifth inventor: Shmuel WINOGRAD

Inventor's signature: _____ Date: _____

Residence: 235 Glendale Road, Scarsdale, NY 10583

Citizenship: USA Post Office Address: 235 Glendale Road
Scarsdale, NY 10583

Full name of sixth inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____

Citizenship: _____ Post Office Address: _____

Full name of seventh inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____

Citizenship: _____ Post Office Address: _____

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Page 1 of 3

Docket No. ARC9-2003-0013-US1

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GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

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Priority Not Claimed: ☒

(Number)

(Country)

(Day/Month/Year Filed)

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Leonard T. Guzman (#46,308)
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Portland, OR 97229-5291

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Full name of sole or first inventor: **Martin Aureliano HASSNER**

Inventor's signature:

Date:

Residence: **1229 Christobal Privado, Mountain View, California 94040**

Citizenship: **USA**

Post Office Address: **1229 Christobal Privado
Mountain View, CA 94040**

Full name of second inventor: **Steven R. HETZLER**

Inventor's signature:

Date:

Residence: **246 Eleanor Avenue, Los Altos, California 94022**

Citizenship: **USA**

Post Office Address: **246 Eleanor Avenue
Los Altos, CA 94022**

Full name of third inventor: **Tetsuya TAMURA**

Inventor's signature:

Date:

Residence: **7-4-9 Tsukimino, Yamato, Kanagawa 242-0002 Japan**

Citizenship: **Japan**

Post Office Address: **7-4-9 Tsukimino
Yamato, Kanagawa 242-0002
Japan**

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Docket No. ARC9-2003-0013-US1

Page 3 of 3

Full name of fourth inventor: Barry Marshall TRAGER

Inventor's signature:

Date:

Residence: 348 Barway Drive, Yorktown Heights, NY 10598

Citizenship: USA

Post Office Address: 348 Barway Drive
Yorktown Heights, NY 10598

Full name of fifth inventor: Shmuel WINOGRAD

Inventor's signature:

Date:

Residence: 235 Glendale Road, Scarsdale, NY 10583

Citizenship: USA

Post Office Address: 235 Glendale Road
Scarsdale, NY 10583

Full name of sixth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of seventh inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

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Page 1 of 3

Docket No. ARC9-2003-0013-US1

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GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

the specification of which is:



attached hereto



was filed on 10/20/2003

as United States Application Number or PCT International Application Number 10/639,614
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s): ☐

Priority Not Claimed: ☒

(Number)

(Country)

(Day/Month/Year Filed)

Power of Attorney:

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thirumal R. Coca (#29,784)

Joseph P. Curtin (#34,571)

Daniel E. Johnson (#37,036)

Marc D. McSwain (#44,929)

Leonard T. Guzman (#46,308)

Mark McCabe (#53,291)

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(#) 04-22:05:12PM B1B1B1

Page 2 of 3

Docket No. ARC9-2003-0013-US1

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Joseph P. Curtin
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Full name of sole or first inventor: **Martin Aureliano HASSNER**

Inventor's signature:

Date:

Residence: **1229 Christobal Privado, Mountain View, California 94040**

Citizenship: **USA**

Post Office Address: **1229 Christobal Privado
Mountain View, CA 94040**

Full name of second inventor: **Steven R. HETZLER**

Inventor's signature:

Date:

Residence: **246 Eleanor Avenue, Los Altos, California 94022**

Citizenship: **USA**

Post Office Address: **246 Eleanor Avenue
Los Altos, CA 94022**

Full name of third inventor: **Tetsuya TAMURA**

Inventor's signature:

Date:

Residence: **7-4-9 Tsukimino, Yamato, Kanagawa 242-0002 Japan**

Citizenship: **Japan**

Post Office Address: **7-4-9 Tsukimino
Yamato, Kanagawa 242-0002
Japan**

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Page 3 of 3

Docket No. ARC9-2003-0013-US1

Full name of fourth inventor: Barry Marshall TRAGER

Inventor's signature:

Date:

Residence: 348 Barway Drive, Yorktown Heights, NY 10598

Citizenship: USA

Post Office Address: 348 Barway Drive
Yorktown Heights, NY 10598

Full name of fifth inventor: Shmuel WINOGRAD

Inventor's signature:

Date:

Residence: 235 Glendale Road, Scarsdale, NY 10583

Citizenship: USA

Post Office Address: 235 Glendale Road
Scarsdale, NY 10583

Full name of sixth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of seventh inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

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Page 1 of 3

Docket No. ARC9-2003-0013-US1

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the specification of which is:

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attached hereto

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as United States Application Number or PCT International Application Number 10/689,814
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Priority Not Claimed: ☒

(Number)

(Country)

(Day/Month/Year Filed)

Power of Attorney:

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Daniel E. Johnson (#37,033)
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Docket No. ARC9-2003-0013-US1

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Full name of sole or first inventor: **Martin Aureliano HASSNER**

Inventor's signature:

Date:

Residence: **1229 Christobal Privado, Mountain View, California 94040**

Citizenship: **USA**

Post Office Address: **1229 Christobal Privado
Mountain View, CA 94040**

Full name of second inventor: **Steven R. HETZLER**

Inventor's signature:

Date:

Residence: **246 Eleanor Avenue, Los Altos, California 94022**

Citizenship: **USA**

Post Office Address: **246 Eleanor Avenue
Los Altos, CA 94022**

Full name of third inventor: **Tetsuya TAMURA**

Inventor's signature:

Date:

Residence: **7-4-9 Tsukimino, Yamato, Kanagawa 242-0002 Japan**

Citizenship: **Japan**

Post Office Address: **7-4-9 Tsukimino
Yamato, Kanagawa 242-0002
Japan**

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Page 3 of 3

Docket No. ARC9-2003-0013-US1

Full name of fourth inventor: Barry Marshall TRAGER

Inventor's signature:

Barry Trager

Date:

March 2, 2004

Residence: 348 Barway Drive, Yorktown Heights, NY 10598

Citizenship: USA

Post Office Address: 348 Barway Drive
Yorktown Heights, NY 10598

Full name of fifth inventor: Shmuel WINOGRAD

Inventor's signature:

Shmuel Winograd

Date:

March 2, 2004

Residence: 235 Glendale Road, Scarsdale, NY 10583

Citizenship: USA

Post Office Address: 235 Glendale Road
Scarsdale, NY 10583

Full name of sixth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of seventh inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Martin A. HASSNER Barry M. Trager Steven R. HETZLER Shmuel WINOGRAD Tetsuya TAMURA Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: International Business Machines Corporation Internal Address: _____ Street Address: _____ City: Armonk State: NY Zip: 10504 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ <div style="display: flex; justify-content: space-around;"> 03/02/04 03/02/04 04/20/04 </div> Execution Date: <u>03/02/04</u> <u>03/02/04</u>		
4. Application number(s) or patent number(s): 03/02/04 03/02/04 If this document is being filed together with a new application, the execution date of the application is: 04/20/04 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> A. Patent Application No.(s) </div> <div style="width: 45%;"> B. Patent No.(s) 03/02/04 03/02/04 </div> </div> <div style="text-align: right; margin-top: 5px;"> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph P. Curtin Internal Address: Street Address: 1469 N.W. Morgan Lane City: Portland State: OR Zip: 97229	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>09-0441</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> Joseph P. Curtin, Reg. No. 34,571 <hr/> Name of Person Signing </div> <div style="width: 30%; text-align: center;"> <hr/> Signature </div> <div style="width: 25%; text-align: right;"> 4/22/04 <hr/> Date </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages including cover sheet, attachments, and documents: 10 </div>		

Docket ARC9-2003-0013-US1

Page 1 of 2

ASSIGNMENT

Whereas, *live*,

(1) Martin Aureliano HASSNER
City of Mountain View
County of Santa Clara
State of California

(2) Steven R. HETZLER
City of Los Altos
County of Santa Clara
State of California

(3) Tetsuya TAMURA
City of Yamato
County of
State of Kanagawa, Japan

(4) Barry Marshall TRAGER
City of Yorktown Heights
County of Westchester
State of New York

(5) Shmuel WINOGRAD
City of Scarsdale
County of Westchester
State of New York

(6)
City of
County of
State of

have invented certain improvements in:

GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 3/2/04 (2) _____ (3) _____
(4) _____ (5) _____ (6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

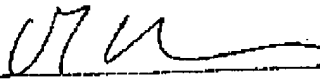
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 2 of 2

Docket **ARC9-2003-0013-US1**

(1) Inventor: **Martin Aureliano HASSNER**

City/State: SAN JOSE/CA

Signature 

Date 3/2/04

(2) Inventor: **Steven R. HETZLER**

City/State:

Signature _____

Date _____

(3) Inventor: **Tetsuya TAMURA**

City/State:

Signature _____

Date _____

(4) Inventor: **Barry Marshall TRAGER**

City/State:

Signature _____

Date _____

(5) Inventor: **Shmuel WINOGRAD**

City/State:

Signature _____

Date _____

(6) Inventor:

City/State:

Signature _____

Date _____

Docket ARC9-2003-0013-US1

Page 1 of 2

ASSIGNMENT

Whereas, I/we,

(1) Martin Aureliano HASSNER

City of Mountain View

County of Santa Clara

State of California

(2) Steven R. HETZLER

City of Los Altos

County of Santa Clara

State of California

(3) Tetsuya TAMURA

City of Yamato

County of

State of Kanagawa, Japan

(4) Barry Marshall TRAGER

City of Yorktown Heights

County of Westchester

State of New York

(5) Shmuel WINOGRAD

City of Scarsdale

County of Westchester

State of New York

(6)

City of

County of

State of

have invented certain improvements in:

GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) _____

(2) 2-3-16-3/2/14/3

(4) _____

(5) _____

(6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Docket **ARC9-2003-0013-US1**

Page 2 of 2


(1) Inventor: **Martin Aureliano HASSNER**

City/State:

Signature _____ Date _____

(2) Inventor: **Steven R. HETZLER**

City/State: San Jose, Ca

Signature  Date 3/21/2004

(3) Inventor: **Tetsuya TAMURA**

City/State:

Signature _____ Date _____

(4) Inventor: **Barry Marshall TRAGER**

City/State:

Signature _____ Date _____

(5) Inventor: **Shmuel WINOGRAD**

City/State:

Signature _____ Date _____

(6) Inventor:

City/State:

Signature _____ Date _____

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Docket ARC9-2003-0013-US1

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(4) _____ (5) _____ (6) _____

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 2 of 2

Docket ARC9-2003-0013-US1

- (1) Inventor: **Martin Aureliano HASSNER** City/State: _____
Signature _____ Date _____
- (2) Inventor: **Steven R. HETZLER** City/State: _____
Signature _____ Date _____
- (3) Inventor: **Tetsuya TAMURA** City/State: Yamato
Signature Tetsuya Tamura Date Apr 12/04
- (4) Inventor: **Barry Marshall TRAGER** City/State: _____
Signature _____ Date _____
- (5) Inventor: **Shmuel WINOGRAD** City/State: _____
Signature _____ Date _____
- (6) Inventor: _____ City/State: _____
Signature _____ Date _____

Docket ARC9-2003-0013-US1

Page 1 of 2

ASSIGNMENT

Whereas, *l/we*,

(1) Martin Aureliano HASSNER
City of Mountain View
County of Santa Clara
State of California

(2) Steven R. HETZLER
City of Los Altos
County of Santa Clara
State of California

(3) Tetsuya TAMURA
City of Yamato
County of
State of Kanagawa, Japan

(4) Barry Marshall TRAGER
City of Yorktown Heights
County of Westchester
State of New York

(5) Shmuel WINOGRAD
City of Scarsdale
County of Westchester
State of New York

(6)
City of
County of
State of

have invented certain Improvements in:

GENERALIZED PARITY STRIPE DATA STORAGE ARRAY

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) _____ (2) _____ (3) _____
(4) March 2, 2004 (5) March 2, 2004 (6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Docket **ARC9-2003-0013-US1**

Page 2 of 2

(1) Inventor: **Martin Aureliano HASSNER**

City/State:

Signature _____

Date _____

(2) Inventor: **Steven R. HETZLER**

City/State:

Signature _____

Date _____

(3) Inventor: **Tetsuya TAMURA**

City/State:

Signature _____

Date _____

(4) Inventor: **Barry Marshall TRAGER**

City/State:

Yorktown, NY

Signature *Barry Trager*

Date

March 2, 2004

(5) Inventor: **Shmuel WINOGRAD**

City/State:

YORKTOWN, NY

Signature *Shmuel Winograd*

Date

March 2, 2004

(6) Inventor:

City/State:

Signature _____

Date _____